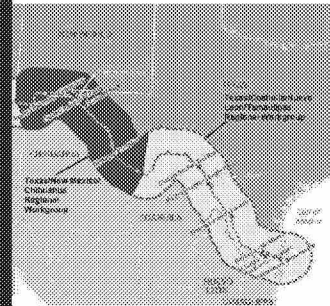




**Texas - New Mexico - Coahuila-
Nuevo León – Tamaulipas -
Chihuahua
Region**

Partners present at the Mexico City US –
Mexico Leadership meeting are:
*Ron Curry, Sam Coleman, Bill Luthans and
Carlos Rincon of USEPA – R6, and for Mexico,
Gerardo Tarin of SEMARNAT - Chihuahua*

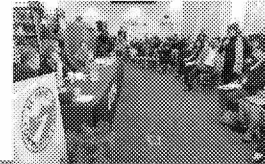
**2014 National Coordinator's Meeting
November 4, 2014
Mexico City, Mexico**





US-Mexico border environmental program viewpoint after years of capacity building and creating an inclusive operating structure

- The overall success of the Bottom up approach begun by B2012 and continued through B2020
 - Before at public meetings locals scream for more federal action, and today,
 - Overwhelming at public meetings citizens, local and state governments as partners report on what have been accomplished and planning to do, with an open discussion on ways to address ongoing challenges,
- The role of Federal governments continues being critical to overall program success,
 - Funding, institutional resources and technical support, even more for infrastructure development,
 - There are tangible in the ground successes in which seed money and federal assistance goes exponentially long ways,
 - More so, as border communities transition to cleaner energy, cleaner fuels, effective regulation of hazardous materials, which continue to relay on national policy and direction,
- Pollution flows across international boundary, efforts for reducing impacts exerts for effective measures,
 - Although binational cooperation has succeeded in achieving measurable results such as clean air in El Paso – Ciudad Juarez shared airbasin, ongoing economic growth still demands our ongoing commitment,
 - A case in point is energy development, as Mexico plans for more natural gas energy, we are seeing increased air pollution in Southern Texas as the Eagle-Ford shale is being tapped into for oil and gas,

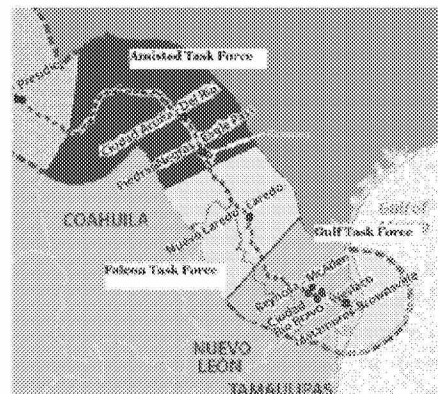




The four State border region is separated into three areas throughout 806 miles or 1,300 kilometers.- Amistad, Falcon, and Gulf where there exists 168 cities and towns on the U.S. and 29 Municipios in Mexico

The Four-State Regional Workgroup has six co-chairs:

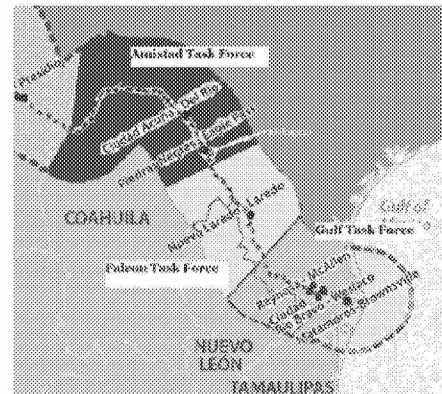
- Sam Coleman, *su servidor*, Deputy Regional Administrator, U.S. Environmental Protection Agency Region 6
- Ing. Jesús González Macías, SEMARNAT Delegado for Tamaulipas
- Dr. Bryan Shaw, Chairman, Texas Commission on Environmental Quality
- Ing. Fernando Gutiérrez Moreno, Secretary of Sustainable Development, State of Nuevo León
- Biól. Eglantina Canales, Secretary of the Environment, State of Coahuila
- Ing. Humberto René Salinas Treviño, Secretary of Urban Development and Environment, State of Tamaulipas





Regional Workgroup Overview

- * RWG is separated into three regions (806 miles or 1,296 km) or task forces:
 - * Amistad
 - Waste, Water, Env. Education & Health, Emergency Response Preparedness Committees
 - * Falcon
 - Waste, Water, Env. Education & Health, Emergency Response Preparedness Committees
 - * Gulf
 - Waste & Emergency Response Preparedness Committees
- * Key community populations:
 - 168 Cities and towns on the U.S.
 - 29 Municipios on the Mexican Side





Regional Workgroup Key Accomplishments

2013-2014 TWO-YEAR ACTION PLAN

- * 60 Activities were developed and identified by stakeholders
- * Approximately 47% of activities have been complete.
- * Remaining 53% of activities are still in progress, some projects on hold and others cancelled

REGIONAL WORKGROUP MEETINGS

- * August 2013 -- RWG and Co-leadership Executive Meeting (San Antonio, Texas)
- * July 2014 -- RWG Public Meeting (San Antonio, Texas)





Key Accomplishments: Air Quality

- * Municipio of Nuevo Laredo, SEMARNAT and Tamaulipas' Environmental Secretariat (SEDUMA,) worked on:
 - * a diagnosis of heavy duty commercial trucks involved in cross-border trade,
 - * identified retrofit technologies that would reduce emissions, and
 - * In partnership with TAMU-TTI carried out a workshop on "Transporte Limpio" aimed at driver to reduce usage of diesel and eco-friendly driving
- * SEDUMA - Tamaulipas, held an energy efficiency workshop at which more than 100 staff persons from 16 Municipios were trained and received hands on experience.





Key Accomplishments: Water Quality

- The City of Laredo organized regional workshops on water conservation and on management of fats, oils, and grease.
- TCEQ have organized "Annual Water Awareness Summits" in 2013 and 2014 in the Lower Rio Grande Valley, both attracting more than 200 participants
- At border cities in Tamaulipas' wastewater and drinking water facilities "Energy Audits" have been carried out



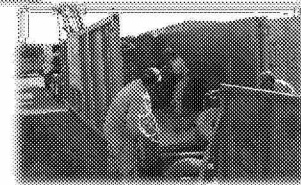


Key Accomplishments: Materials & Waste Management

*Secretariat for Sustainable Development of Nuevo León surveyed municipalities on both sides of the border regarding management of scrap tires and developed a list of "best practices". A manual in Spanish was published.



*In Tamaulipas, following the guide of Nuevo Laredo experience, border communities have implemented a program for receiving "household's hazardous and electronic waste."





Key Accomplishments: Emergency Preparedness & Response

*Existing Sister-city plans have been updated, complemented by either training or tabletop exercises, benefitting local responders on both the U.S. and Mexican side

- * Eagle Pass, Texas – Piedras Negras, Coahuila
- * Del Rio, Texas – Ciudad Acuna, Coahuila

*Between 2013-2014, EPA, PROFEPA, Civil Protection along with Tribal, State, and local partners participated in three binational drills: a) Laredo - Nuevo Laredo, Tamaulipas b) Kickapoo Tribe (2 events).





Key Priorities for 2015-2016

Goal 1: Air

- *Continue the development of vehicle inspection programs in Mexican border municipios
- *At US-Mexico's Port of Entry where used vehicles are being imported into Mexico, implement Mexico's environmental law's requirement for vehicles to comply with vehicle emissions regulations,

Goal 2: Water

- *Improve Drinking and Wastewater treatment facilities' operation and increase their service coverage, while eliminating raw discharges to the Rio Grande,
- *Continue the binational water quality initiative in the Lower Rio Grande

Systematic financial support for operating and managing regional AAQMNS (Ambient Air Quality Monitoring Network System) and assessment of current distribution and coverage of monitors throughout the binational air-shed in El Paso, TX – Ciudad Juarez, Chihuahua

Preparation for managing risk of Ambient Toxic Pollution Emissions due to inadequate disposal of millions of TV monitors due to Mexico's analog shutdown by December 31st, 2015 in Mexican sister cities



Key Priorities for 2015-2016

Goal 3: Materials & Waste Management

- *Build on efforts the past two years to encourage “best practices” in scrap tire management, promoting the implementation of regulations set by the State of TX to control and manage scrap tires at the point of generation
- *Improve infrastructure, management and operation of disposal and transfer sites for municipal solid waste

Goal 4: Emergency Preparedness & Response

- *Overcome roadblocks to developing better joint contingency plans and holding simulation exercises in the Laredo-Nuevo Laredo area,
- *Update the Emergency Response Plans that remain pending at border communities



Key Priorities for 2015-2016

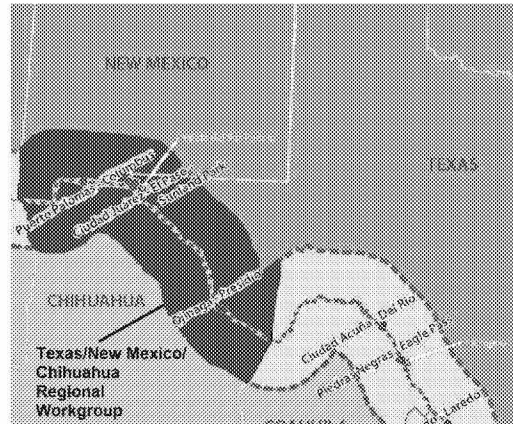
Goal 5: Compliance & Environmental Stewardship

- Promote training and improve professional profile of enforcement officials for environmental compliance at the three levels of government, aimed to strengthening the legal enforcement,
- Encourage additional projects related to public education on environmental health topics



3-State Regional Workgroup Overview

- Stretches approximately 500 miles (800 km) along the international boundary: Coronado National Forest to Big Bend National Park
- Key community populations:
 - Columbus, New Mexico – Palomas, Chihuahua
 - Paso del Norte Region comprised of West Texas, Southern New Mexico, Northern Chihuahua (El Paso, Texas – Sunland Park/Las Cruces, New Mexico – Cd. Juarez, Chihuahua)
 - Presidio, Texas – Ojinaga, Chihuahua
- Nine Task Forces:
 - Two rural task forces (multi-media)
 - Seven task forces within Paso del Norte Region (Air, Water, Waste, Emergency Response, Environmental Compliance and Stewardship, Environmental Education and Health)

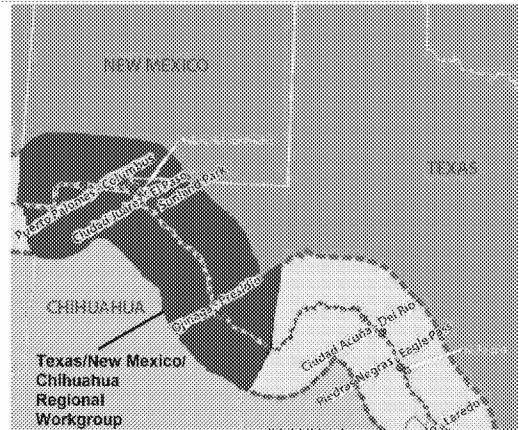




3-State Regional Workgroup Overview

The Three – State Regional Workgroup has six co-chairs:

- Sam Coleman, *su servidor*, Deputy Regional Administrator, U.S. Environmental Protection Agency Region 6
- Lic. Brenda Rios Prieto, SEMARNAT Delegada por Chihuahua,
- Dr. Bryan Shaw, Chairman, Texas Commission on Environmental Quality (TCEQ,)
- Lic. Guillermo Marquez Lizalde, Secretary of Urban Development and Ecology, State of Chihuahua (SDUE,)
- Ryan C. Flynn, Secretary of the Environment, State of New Mexico (NMED,)
- Frank Palz, Tribal Governor, Ysleta del Sur Pueblo (YDSP,)





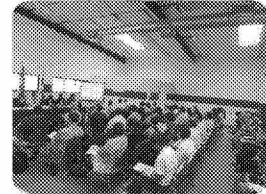
Regional Workgroup Key Accomplishments

2013-2014 TWO-YEAR ACTION PLAN

- ♦ 72 Activities were developed and identified by stakeholders
- ♦ As of July 31, 2014 — approximately 54% of activities have been complete.
- ♦ Remaining 46% of activities will be complete by end of 2014 or multi-year projects

REGIONAL WORKGROUP MEETINGS

- ♦ August 2013 -- RWG and Co-leadership Executive Meeting (San Antonio, Texas)
- ♦ August 2014 -- RWG Public Meeting (Anthony, New Mexico)
 - * Approximately 100 stakeholders participated from both US and MX





Key Accomplishments: Air Quality

- *Establishment of a State-wide vehicle emissions inspection program in Chihuahua, Mexico.
- *Mexico published a federal rule concerning vehicle imports and emissions testing since vehicles in the border cities of Mexico adversely impact air quality in shared air basins.
- *Through the Rider 8 program, the team outlined and identified potential measures that may assist with keeping ozone concentrations below the new air quality standard in El Paso, Texas.





Key Accomplishments: Water Quality

*In March 2014, the Ciudad Juarez water master plan financed by EPA through BECC was finalized establishing a solid framework thru the Year 2030 for future drinking water projects within the municipality of Ciudad Juarez.

*In May 2014, Ciudad Juarez became the first border Mexican sister-city to achieve the capacity to treat 100% of its wastewater produced in Juarez with the operation of the 5th wastewater treatment plant.





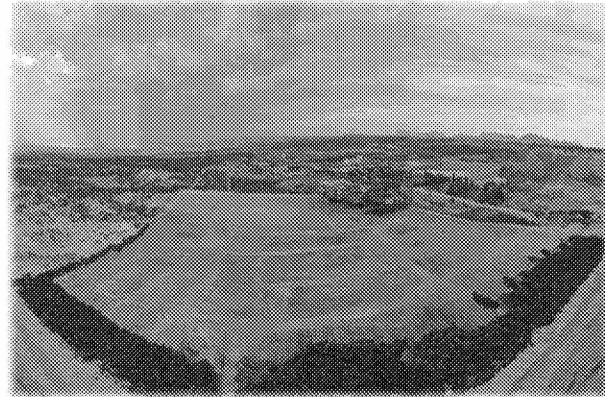
Key Accomplishments: Materials & Waste Management

*The municipality of Ciudad Juárez, Chihuahua, once having the largest scrap tire pile along the U.S.-Mexico border, has removed over 9 million scrap tires.

* Current plans are to remediate and transform the site to be utilized for ecological, educational and cultural events.

*Through a B2020 grant, the New Mexico-Chihuahua Task Force partners identified two contaminated sites in Ascensión, Chihuahua that are now registered in SEMARNAT's SISCO program (equivalent to US EPA's Superfund list), for further study and possible remediation activities.

* These sites are suspected of having had operations that were illegally processing recycling of batteries with open air furnaces



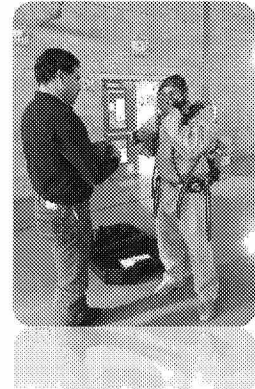
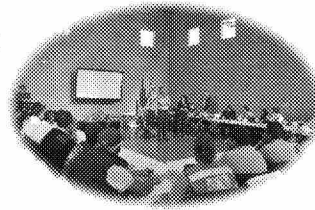


Key Accomplishments: Emergency Preparedness & Response

*Existing Sister-city plans have been updated, complemented by either training or tabletop exercises, benefitting local responders on both the U.S. and Mexican side

* Presidio, Texas — Ojinaga, Chihuahua

*In 2013-2014, in El Paso, TX — Ciudad Juárez, Chih, conducted five binational exercises between EPA, PROFEPA, Civil Protection and other federal, state and local partners that included DHS-CBP, Border Patrol, and Mexico's Federal Customs Agency.





Key Accomplishments: Compliance & Environmental Stewardship

- *In 2014, fifty-two (52) companies in Ciudad Juarez joined PROFEPA's PNAA, a voluntary audits national. The program offers economic incentives to manufacturing corporations
- *In 2013, the Ysleta-Zaragoza Port Of Entry in partnership with a private company from El Paso, established a dedicated lane for trusted commercial shipments as a demonstration project known as "Frontera-21".
- * The port has seen an increase of daily trucks crossing per shipper enrolled and eliminated wait times at POE that reduce diesel emissions supporting compliance and good stewardship.





Key Priorities for 2015-2016

Goal 1: Air

- *Ambient Air Quality Monitoring Network System assessment of current distribution and coverage of monitors throughout the Paso del Norte Airshed
- *Preparation for potential emissions from processing and proper disposal of millions of TVs due in Mexican sister cities due to analog shutdown

Goal 2: Water

- *High levels of Arsenic and Fluoride in the drinking water in Palomas, Chihuahua – Columbus, New Mexico; Presidio, Texas - Ojinaga, Chihuahua geographic regions
- *Continued interest and priority for Bi-national groundwater studies in the regions of Presidio, TX - Ojinaga, Chih. and Santa Teresa, NM - Geronimo, Chih.



Key Priorities for 2015-2016

Goal 3: Materials & Waste Management

- *E-waste handling and management, as well as, capitalize on technology for Solid Recovered Fuel (CSR for its Spanish) Technology, that would generate funds and would expand the life of landfills cells
- *Future landfills in the region of Ojinaga, Chih. and Palomas-Ascencion. Secure funding

Goal 4: Emergency Preparedness & Response

- *Emergency Response with regards to natural events especially regarding Flooding
- *Mass Migration Protocol (Working with CBP and Border Patrol) in Southern Dona Ana County, New Mexico-Chihuahua Region



Key Priorities for 2015-2016

Goal 5: Compliance & Environmental Stewardship

- ♦Risks of environmental impact and damages to ecosystem, natural resources and health due to threats of crosscutting contamination to various media.

- ♦Campaigns directed at industrial parks, and or at the level of maquiladora facilities or sector, in order to increase their level of compliance, competitiveness with applicable legislation on environmental matters

QUESTIONS?

